

TECHNOLOGY AND ENGINEERING EDUCATION COMPETENCY TESTS

Foundations of Technology, Test # 610

STUDENT PERFORMANCE EVALUATION

Name: _____

To qualify for the Foundations of Technology Competency Certificate, students must successfully complete each section of activities listed below at 80% efficiency or better and score 80% or better on the written exam.

COMPETENCY ACTIVITIES		
	1	Create a portfolio that documents: a. The design of a product, process or system. b. Evidence of student learning (e.g., journals, sketches, pictures, videos, etc.)
	2	Build a model or prototype of a product applying design principles (e.g., flexibility, balance, function, proportion, safety, reliability, economic considerations, quality control, manufacturability, and ergonomics.)
	3	Participate in a team activity and identify advantages of collaboration.
	4	Research a technological topic using multiple sources (e.g., Internet, CD-ROM, personal interviews, books.) and present your findings.
	5	Demonstrate the safe and proper use of basic production tools and equipment.
	6	Demonstrate the proper operation and care of computer hardware, software and peripherals.
	7	Prepare and give a technological presentation of a product, process, or system in a professional manner. (e.g., product display, video, oral presentation with visuals, CD-ROM portfolio collection, PowerPoint)

2006-2007 School Year